HYPACK® HARDWARE Program Changes

By Jerry Knisley

Recently the HYPACK® HARDWARE program had a few changes made to the way it stores device information. The program can store your device data in sections other than the intended device section depending upon the programmers' use of the system. That is a bit more than the average user will ever see so I will keep this article to the points you as a user may actually need. Trust me, when you need this feature, you REALLY need it!

The Survey32.ini file tells the program what hardware you are using and the configuration of the devices. Sometimes when you have a problem in SURVEY or DREDGEPACK®, we will have you delete this file. The backup in the archive is handy when those parameters are not known or there are a lot of devices.

In the past, HYPACK® HARDWARE made a backup copy of the survey32.ini file in the Archive directory when you launched the program. Because this backup was written every time you opened the HARDWARE program, you could end up with multiple files that have identical settings.

Now, the program starts and closes without saving anything when you don't make any changes. If you save the HARDWARE configuration on exit, a new back up point is created which captures the changes you made.

FIGURE 1. *Restore Points in HYPACK® HARDWARE*

Figure 1 is a screen capture of the restore function in the Halifax project on my computer. I have been using the Halifax project as a test tool so there are many times when I went into HARDWARE and made changes. The changes are grouped by date.

These changes eliminate multiple redundant backup copies, but I did not want to *entirely* abandon the backup when you open the HARDWARE program.

When you start HYPACK® HARDWARE, the program copies the SURVEY32.ini file to a new file, RESTORE.INI, in the project directory. If you enter the HARDWARE program and try to make changes but realize there is a problem, just select FILE-RESTORE-PREVIOUS SETTINGS. This restores the settings as they were when you first opened the HARDWARE program, erasing any changes you made this time.

Hopefully these changes will cut down on the number of items that are stored in the Archive directory and also provide a way to easily restore the settings if there is a corruption of the SURVEY32.INI file.